

IN THE CLAIMS:

Claims 1-46 were previously cancelled. Claims 47, 50, 68, 71, 72, 77, 78, 87 and 88 are currently amended. Claims 83-86 are currently cancelled. Claims 48, 49, 51-67, 69, 70, 73-76 and 79-82 are carried forward, all as follows.

Claims 1-46 (Cancelled)

47. (Currently Amended) A rotating body useable in a printing press comprising:

a rotating body barrel, said rotating body barrel having an outer shell face with an outer shell face surface;

a groove formed in said outer shell face, said groove including joining surfaces spaced apart from each other in a circumferential direction of said rotating body barrel and adjacent said outer shell face surface, said groove extending in a radial direction into said rotating body barrel from said outer shell face, said groove having a groove depth in said radial direction; and

a profiled body secured in said groove adjacent said outer shell face surface and being welded together with said outer shell face on said joining surfaces, said profiled body including an outer profiled body surface and having a profiled body structural depth, said profiled body structural depth being substantially less than said groove depth, said profiled body secured in said groove at least partially bridging said

groove at said outer shell face surface of said rotating body barrel with said outer profiled body surface being located adjacent said outer shell face surface.

48. (Previously Presented) The rotating body of claim 47 wherein said groove is a flow channel adapted to receive a heat carrying flowable medium, said profiled body completely closing said groove off toward said outer shell face surface.

49. (Previously Presented) The rotating body of claim 47 including at least one dressing end holding means in said groove and further including a slit-shaped opening formed in said profiled body, said slit-shaped opening at least partially opening said groove toward said outer shell face surface.

50. (Currently Amended) A rotating body useable in a printing press comprising:

a rotating body barrel, said rotating body barrel having an outer shell face;

an axially extending groove formed in said outer shell face, said groove including a joining surface;

first and second profiled bodies in said groove, said profiled bodies each being welded to said rotating body barrel on said joining surface, said first and second profiled bodies being spaced apart from each other in a circumferential direction of said

rotating body barrel;

a slit-shaped opening defined by a first edge of said first profiled body and a second edge of said second profiled body, said slit-shaped opening being located at said shell face;

a securement channel formed in said groove by said spaced apart first and second profiled bodies; and

at least one dressing end holding means pivotably positioned in said securement channel and having a dressing end holding portion adapted to hold a dressing arranged on said outer shell face, said dressing having a first dressing end in engagement with said first edge of said first profiled body and having a second dressing end in engagement with said second edge of said second profiled body, said dressing end holding portion of said at least one dressing end holding means being directly engageable with one of said first dressing end and said second dressing end.

51. (Previously Presented) The rotating body of claim 47 wherein said rotating body is arranged in a printing press.

52. (Previously Presented) The rotating body of claim 47 wherein said groove extends in an axial direction of said rotating body.

53. (Previously Presented) The rotating body of claim 47 wherein said groove extends at least partly in said circumferential direction of said rotating body.

54. (Previously Presented) The rotating body of claim 50 wherein said groove extends at least partly in said circumferential direction of said rotating body.

55. (Previously Presented) The rotating body of claim 53 wherein said at least partly circumferentially extending groove is a flow channel and further including a plurality of axially extending flow channels connected to said circumferentially extending flow channel.

56. (Previously Presented) The rotating body of claim 54 wherein said at least partly circumferentially extending groove is a flow channel and further including a plurality of axially extending flow channels connected to said circumferentially extending flow channel.

57. (Previously Presented) The rotating body of claim 47 wherein said profiled body is a molded element.

58. (Previously Presented) The rotating body of claim 50 wherein said profiled body is a molded element.

59. (Previously Presented) The rotating body of claim 47 wherein in an axial direction of said rotating body, said profiled body is shaped as a strip.

60. (Previously Presented) The rotating body of claim 50 wherein in an axial direction of said rotating body, each of said first and second profiled bodies is shaped as a strip.

61. (Previously Presented) The rotating body of claim 47 wherein several of said profiled bodies are provided in an axial direction of said rotating body.

62. (Previously Presented) The rotating body of claim 50 wherein several of said first and second profiled bodies are provided in an axial direction of said rotating body.

63. (Previously Presented) The rotating body of claim 47 wherein said profiled body is a corrosion-resistant material.

64. (Previously Presented) The rotating body of claim 50 wherein each of said first and second profiled bodies is a corrosion-resistant material.

65. (Previously Presented) The rotating body of claim 63 wherein said profiled body is a corrosion-resistant steel.

66. (Previously Presented) The rotating body of claim 64 wherein each of said first and second profiled bodies is a corrosion-resistant steel.

67. (Previously Presented) The rotating body of claim 47 wherein at least a part of one of said joining surfaces close to said shell face has smooth walls without curvature in an axial direction of said rotating body.

68. (Currently Amended) The rotating body of claim 50 wherein at least a part of said joining surface close to said outer shell face has smooth walls without curvature in an axial direction of said rotating body.

69. (Previously Presented) The rotating body of claim 47 wherein said groove forms

a securement channel with one of a round and a rectangular cross-section.

70. (Previously Presented) The rotating body of claim 50 wherein said groove forms a securement channel with one of a round and a rectangular cross-section.

71. (Currently Amended) The rotating body of claim 47 wherein said rotating body barrel includes a base body having a surface and further including a cover on said base body surface and forming said outer shell face, said groove being formed in said base body and being covered at least partially, at said base body surface by said profiled body.

72. (Currently Amended) The rotating body of claim 50 wherein said rotating body barrel includes a base body having a surface and further including a cover on said base body surface and forming said outer shell face, said groove being formed in said base body and being covered at least partially, at said base body surface by said profiled body.

73. (Previously Presented) The rotating body of claim 47 wherein said profiled body is welded by electron beam welding.

74. (Previously Presented) The rotating body of claim 50 wherein each of said first and second profiled bodies is welded by electron beam welding.

75. (Previously Presented) The rotating body of claim 47 wherein said welding includes hard soldering in a vacuum.

76. (Previously Presented) The rotating body of claim 50 wherein said welding includes hard soldering in a vacuum.

77. (Currently Amended) The rotating body of claim 47 wherein said rotating body barrel is a corrosion-susceptible material.

78. (Currently Amended) The rotating body of claim 50 wherein said rotating body barrel is a corrosion-susceptible material.

79. (Previously Presented) The rotating body of claim 47 wherein said outer shell face is covered with a corrosion-proof protective layer.

80. (Previously Presented) The rotating body of claim 50 wherein said outer shell face is covered with a corrosion-proof protective layer.

81. (Previously Presented) The rotating body of claim 79 wherein said protective layer covers at least a part of a front face of said profiled body oriented toward said outer shell face.

82. (Previously Presented) The rotating body of claim 80 wherein said protective layer covers at least a part of a front face of each of said first and second profiled bodies oriented toward said outer shell face.

83-86 (Cancelled)

87. (Currently Amended) A rotating body useable in a printing press comprising:

a rotating body barrel, said rotating body barrel having an outer shell face;

a plurality of axially extending grooves formed in said outer shell face,
each of said plurality of axially extending grooves ~~groove~~ including joining surfaces
spaced apart from each other in a circumferential direction of said rotating body barrel,

each of said plurality of axially extending grooves ~~groove~~ having a groove depth in a radial direction of said rotating body barrel;

a circumferentially extending groove formed in said outer shell face and forming a circumferential flow channel;

a plurality of axially extending flow channels defined by selected ones of said plurality of axially extending grooves; and

a profiled body in each of said plurality of axially extending grooves ~~groove~~ and being welded together with said rotating body barrel on said joining surfaces, said profiled body at least partially covering each of said plurality of axially extending grooves ~~groove~~ and having a profiled body structural depth less than said groove depth.

88. (Currently Amended) A rotating body useable in a printing press comprising:

a rotating body barrel, said rotating body barrel having an outer shell face;

a plurality of axially extending grooves formed in said outer shell face, each of said plurality of axially extending grooves ~~groove~~ including a joining surface;[[,]]

at least one circumferentially ~~of said grooves also~~ extending groove ~~circumferentially~~ in said rotating body and forming a circumferentially extending flow channel;

a plurality of axially extending flow channels formed by first selected ones of said plurality of axially extending grooves and being connected to said circumferentially extending flow channel;

first and second profiled bodies in second selected ones of said plurality of axially grooves, said first and second profiled bodies being welded to said rotating body barrel on said joining surface and being spaced apart from each other in a circumferential direction of said rotating body barrel;

a slit-shaped opening defined by said first and second profiled bodies and located at said outer shell face;

a securement channel formed by said first and second profiled bodies;
and

at least one dressing end holding means in said securement channel and adapted to hold a dressing arranged on said outer shell face.